INT. J. PROD. RES., 2001, VOL. 39, NO. 18, 4317–4330

INDEX OF AUTHORS (WITH TITLES)

PAGE

Abdou, G., and Tereshkovich, W.: Optimal operating parameters in high speed milling operations for aluminium 2197
Adam, E. E., Jr, Flores, B. E., and Macias, A.: Quality improvement practices and the effect on manufacturing firm performance: evidence from Mexico and the USA 43
Aiello, G., and Enea, M.: Fuzzy approach to the robust facility layout in uncertain production environments 4089
Aitchison, D., *see* Xie, S. Q.
Aksu, B. A., *see* Erel, E.
Akturk, M. S., and Ozkan, S.: Integrated scheduling and tool management in flexible manufacturing systems 2697
Al-Ahmari, A. M. A.: Mathematical model for determining machining parameters in multipass turning operations with constraints 3367
Aldakhilallah, K. A., and Ramesh, R.: Cyclic scheduling heuristics for a re-entrant job shop manufacturing environment 2635
Al-Hakim, L.: A note on 'Efficient facility layout planning in a maximally planar graph model' 1549
Al-Hakim, L.: An analogue genetic algorithm for solving job shop scheduling problems 1537
Allada, V., *see* Viswanathan, S.
Amaral, A. R. S., and Wright, M.: Experiments with a strategic oscillation algorithm for the pallet loading problem 2341
Amine Lehtihet, E., *see* Scott, K. M.
Aparisi, F., and Haro, C. L.: Hotelling's T^2 control chart with variable sampling intervals 3127
Askin, R. G., and Huang, Y.: Forming effective worker teams for cellular manufacturing 2431
Askin, R. G., *see* Kurz, M. E.

Baek, D. H., *see* Lee, K. K.
Bagshaw, R. W., and Newman, S. T.: Structured approach to the design of a production data analysis facility. Part 1: Conceptual design and information requirements 2121
Bagshaw, R. W., *see* Newman, S. T.
Balakrishnan, S. N., *see* Srikanth, K.
Balasubramaniam, M., Joshi, Y., Engels, D., Sarma, S., and Shaikh, Z.: Tool selection in three-axis rough machining 4215
Balduzzi, F., Giua, A., and Seatzu, C.: Modelling and simulation of manufacturing systems with first-order hybrid Petri nets 255
Barad, M., and Gien, D.: Linking improvement models to manufacturing strategies—a methodology for SMEs and other enterprises 2675
Barbosa-Póvoa, A. P., Mateus, R., and Novais, A. Q.: Optimal two-dimensional layout of industrial facilities 2567
Baykasoglu, A.: MOAPPS 1.0: aggregate production planning using the multiple-objective tabu search 3685
Baykasoglu, A., *see* Dereli, T.
Baynat, B., Dallery, Y., Di Mascolo, M., and Frein, Y.: A multi-class approximation technique for the analysis of kanban-like control systems 307
Beamon, B. M., and Chen, V. C. P.: Performance analysis of conjoined supply chains 3195
Bell, R., *see* Borja, V.

Bi, Z. M., and Zhang, W. J.: Flexible fixture design and automation: Review, issues and future directions 2867
Bischak, D. P., and Silver, E. A.: Estimating the rate at which a process goes out of control in a statistical process control context 2957
Blackstone, J. H., Jr: Theory of constraints—a status report 1053
Boctor, F. F., *see* Ouenniche, J.
Borja, V., Harding, J. A., and Bell, R.: A conceptual view on data-model driven reverse engineering 667
Bozarth, C., and McCreery, J.: A longitudinal study of the impact of market requirements focus on manufacturing performance 3237
Brandolese, A., Cartegni, E., and Cigolini, R.: Improving productivity by using strategic inventories: theoretical issues and field results 4179
Britton, G. A., Tor, S. B., Lam, Y. C., and Deng, Y.-M.: Modelling functional design information for injection mould design 2501
Brown, C. E., and Sumichrast, R. T.: CF-GGA: a grouping genetic algorithm for the cell formation problem 3651

Cai, D. Q., *see* Xie, M.
Caillaud, E., *see* Franchini, L.
Canel, C., and Khumawala, B. M.: International facilities location: a heuristic procedure for the dynamic uncapacitated problem 3975
Cao, Q., Patterson, J. W., and Griffin, T. E.: On the operational definition of processing time uncertainty 2833
Careé-Ménétrier, V., *see* Zaytoon, J.
Carrott, A. J., *see* Weston, R. H.
Cartegni, E., *see* Brandolese, A.
Cassandras, C. G., *see* Wardi, Y.
Cavalier, T. M., *see* McGarvey, R. G.
Cavalier, T. M., *see* Ranade, S. V.
Cavalier, T. M., *see* Scott, K. M.
Chan, K. K., and Spedding, T. A.: On-line optimization of quality in a manufacturing system 1127
Chan, F. T. S., and Zhang, J.: Modelling for agile manufacturing systems 2313
Chandra, M., *see* Mahdavi, I.
Chang, A.-Y., Whitehouse, D. J., Chang, S.-L., and Hsieh, Y.-C.: An approach to the measurement of single-machine flexibility 1589
Chang, S.-L., *see* Chang, A.-Y.
Chang, Y., and Cho, M.-W.: Flexible optimization of machining variables using constrained R-T characteristic curve 4065
Chen, C.-C., *see* Lin, Z.-C.
Chen, C.-H., Occeña, L. G., and Fok, S. C.: CONDENSE: a concurrent design evaluation system for product design 413
Chen, C.-H., *see* Chou, C.-Y.
Chen, D.-S., Wang, Q., and Chen, H.-C.: Linear sequencing for machine layouts by a modified simulated annealing 1721
Chen, H.-C., *see* Chen, D.-S.
Chen, K. S., Huang, M. L., and Li, R. K.: Process capability analysis for an entire product 4077
Chen, M., *see* Zhang, W.
Chen, P. C. Y., and Wonham, W. M.: Stable supervisory control of flexible manufacturing systems with fixed supply and demand rates 347
Chen, V. C. P., *see* Beamon, B. M.
Chen, Y.-S., *see* Shaw, D.
Chiang, C.-P., *see* Lee, S.-D.
Chiang, W.-C.: Visual facility layout design system 1811
Chiu, K. F., Chu, L. K., and Sculli, D.: Modular generic software system for cellular FMS 2545

Chiu, Y. Y., *see* Liao, Y. S.
Cho, H., *see* Joo, J.
Cho, M.-W., *see* Chang, Y.
Choi, Y.-C., and Kim, Y.-D.: Tool replacement policies for a machining centre producing multiple types of products with distinct due dates 907
Chou, C.-Y., Chen, C.-H., and Liu, H.-R.: Economic design of X charts for non-normally correlated data 1931
Chowdhury, M. R., and Sarker, B. R.: Manufacturing batch size and ordering policy for products with shelf lives 1405
Chu, L. K., *see* Chiu, K. F.
Chuang, J.-J., *see* Han, Z.
Chung, S., *see* Huang, Y.
Chung, S.-C., *see* Kim, K.-D.
Cigolini, R., *see* Brandolese, A.
Clark, D. E. R., *see* Lim, T.
Clements, P. E., *see* Weston, R. H.
Co, H. C.: Managing flexible manufacturing technology: must parts in an FMS always move in a job-shop manner? 2851
Cochran, J. K., and Erol, R.: Performance modelling of serial production lines with inspection/repair stations 1707
Coman, A., *see* Ronen, B.
Cook, D. F., Zobel, C. W., and Nottingham, Q. J.: Utilization of neural networks for the recognition of variance shifts in correlated manufacturing process parameters 3881
Corney, J., *see* Lim, T.
Couretas, J. M., Zeigler, B. P., Subramanian, I., and Sarjoughian, H.: Capacity analysis for mixed technology production: evaluating production ramp resource modifications via distributed simulation 163

Dale, B. G., *see* Yang, J. B.
Dallery, Y., *see* Baynat, B.
Dan, B., *see* Zhang, X. M.
Dangayach, G. S., and Deshmukh, S. G.: Practice of manufacturing strategy: evidence from select Indian automobile companies 2353
Das, A.: Towards theory building in manufacturing flexibility 4153
Das, A., *see* Drury, C. G.
Das, S. K., *see* Nagendra, P. B.
De Koster, R., *see* Roodbergen, K. J.
Del Castillo, E., *see* McGarvey, R. G.
Del Castillo, E., *see* Xie, M.
Delchambre, A., *see* De Lit, P.
De Lit, P., Latinne, P., Rekiek, B., and Delchambre, A.: Assembly planning with an ordering genetic algorithm 3623
Demeulemeester, E., *see* Vanhoucke, M.
Deng, Y.-M., *see* Britton, G. A.
DePuy, G. W., and Whitehouse, G. E.: A simple and effective heuristic for the resource constrained project scheduling problem 3275
Dereli, T., Filiz, I. H., and Baykasoglu, A.: Optimizing cutting parameters in process planning of prismatic parts by using genetic algorithms 3303
Deshmukh, S. G., *see* Dangayach, G. S.
Dessouky, M. M., *see* McGraw, K. E.
Di Mascolo, M., *see* Baynat, B.
Dimopoulos, C., and Mort, N.: A hierarchical clustering methodology based on genetic programming for the solution of simple cell-formation problems . . . 1
Drury, C. G., Maheswar, G., Das, A., and Helander, M. G.: Improving visual inspection using binocular rivalry 2143
D'Souza, A. J., and Ferrell, W. G., Jr: Dynamic control of continuous flow processes 2517

Duffy, V. G., *see* Ho, D. C. K.
Dunlop, R., *see* Xie, S. Q.

Earl, C. F., *see* Song, D.
Earl, C. F., *see* Song, D. P.
Edmondson, N. F., and Redford, A. H.: Flexible parts feeding for flexible assembly 2279
Egbelu, P. J., *see* Hu, C.-H.
Enea, M., *see* Aiello, G.
Engels, D., *see* Balasubramaniam, M.
Enns, S. T.: MRP performance effects due to lot size and planned lead time settings 461
Erdos, G., Kis, T., and Xirouchakis, P.: Modelling and evaluating product end-of-life options 1203
Erel, E., Sabuncuoglu, I., and Aksu, B. A.: Balancing of U-type assembly systems using simulated annealing 3003
Erol, R., *see* Cochran, J. K.

Fanti, M. P., Maione, G., and Turchiano, B.: Distributed event-control for deadlock avoidance in automated manufacturing systems 1993
Farling, B. E., Mosier, C. T., and Mahmoodi, F.: Analysis of automated guided vehicle configurations in flexible manufacturing systems 4239
Fawcett, S. E., and Myers, M. B.: Product and employee development in advanced manufacturing: implementation and impact 65
Felan, J. T., and Fry, T. D.: Multi-level heterogeneous worker flexibility in a Dual Resource Constrained (DRC) job-shop 3041
Ferreira, P. M., *see* Jang, J.
Ferrell, W. G., Jr, *see* D'Souza, A. J.
Filiz, I. H., *see* Dereli, T.
Fleury, G., Gourgand, M., and Lacomme, P.: Metaheuristics for the Stochastic Hoist Scheduling Problem (SHSP) 3419
Flores, B. E., *see* Adam, E. E., Jr
Fok, S. C., *see* Chen, C.-H.
Fowler, J. W., Park, S., Mackulak, G. T., and Shunk, D. L.: Efficient cycle time–throughput curve generation using a fixed sample size procedure 2595
Framinan, J. M., Ruiz-Usano, R., and Leisten, R.: Sequencing CONWIP flow-shops: analysis and heuristics 2735
Franceschini, F., and Galetto, M.: A new approach for evaluation of risk priorities of failure modes in FMEA 2991
Franchini, L., Caillaud, E., Nguyen, P., and Lacoste, G.: Workload control of human resources to improve production management 1385
Fredendall, L. D., *see* Qiu, M. M.
Freiheit, J., *see* Zimmermann, A.
Frein, Y., *see* Baynat, B.
Frizelle, G. D. M., *see* Shirazi, R.
Fry, T. D., *see* Felan, J. T.
Fry, T. D., *see* Kher, H. V.
Fu, M. W., Fuh, J. Y. H., and Nee, A. Y. C.: Core and cavity generation method in injection mould design 121
Fuh, J. Y. H., *see* Fu, M. W.

Galetto, M., *see* Franceschini, F.
Gien, D., *see* Barad, M.
Gilgeous, V.: The strategic role of manufacturing 1257
Giua, A., *see* Balduzzi, F.
Goh, T. N., *see* Xie, M.

González-Benito, J., and Suárez-González, I.: Effect of organizational variables in JIT purchasing implementation 2231
Gourgand, M., *see* Fleury, G.
Goyal, S. K.: A note on 'Some models for understanding the cooperation between the supplier and the buyer' 2751
Grieve, R. J., *see* Hatna, A.
Griffin, T. E., *see* Cao, Q.
Güngör, A., and Gupta, S. M.: A solution approach to the disassembly line balancing problem in the presence of task failures 1427
Güngör, A., and Gupta, S. M.: Disassembly sequence plan generation using a branch-and-bound algorithm 481
Gupta, M.: Activity-Based Throughput Management in a manufacturing company 1163
Gupta, M., and Raman, S.: Machine vision assisted characterization of machined surfaces 759
Gupta, S. M., *see* Güngör, A.

Hamblin, D. J., *see* Li, X.
Han, Z., Yang, D. C. H., and Chuang, J.-J.: Isophote-based ruled surface approximation of free-form surfaces and its application in NC machining 1911
Harding, J. A., *see* Borja, V.
Haro, C. L., *see* Aparisi, F.
Hatna, A., and Grieve, R. J.: Pre-processing approach for cutter interference removal 435
Hegedus, M. G., and Hopp, W. J.: Setting procurement safety lead-times for assembly systems 3459
Helander, M. G., *see* Drury, C. G.
Helber, S.: Cash-flow-oriented buffer allocation in stochastic flow lines 3061
Herroelen, W., *see* Vanhoucke, M.
Hicks, C., *see* Song, D.
Hicks, C., *see* Song, D. P.
Hinds, T. J., *see* Melynk, S. A.
Ho, D. C. K., Duffy, V. G., and Shih, H. M.: Total quality management: an empirical test for mediation effect 529
Hodgson, A., *see* Weston, R. H.
Hong, J., Prabhu, V., and Wysk, R.: Real-time batch sequencing using arrival time control algorithm 3863
Hong, S. H., Lee, M. K., Kwon, H. M., and Kim, S. B.: A continuous screening procedure using the performance and surrogate variables 2333
Hop, N. V., and Tabucanon, M. T.: Extended dynamic point specification approach to sequencing robot moves for PCB assembly 1671
Hopp, W. J., *see* Hegedus, M. G.
Horiguchi, K., Raghavan, N., Uzsoy, R., and Venkateswaran, S.: Finite-capacity production planning algorithms for a semiconductor wafer fabrication facility 825
Hou, J.-L., and Trappey, A. J. C.: Computer-aided fixture design system for comprehensive modular fixtures 3703
Hou, T.-H.: Automated Vision System for IC Lead Inspection 3353
Hsieh, Y.-C., *see* Chang, A.-Y.
Hsu, W.-J., *see* Qiu, L.
Hu, C.-H., and Egbelu, P. J.: Selection of circulatory loops for patrol vehicles operating in a network 579
Hu, Q., Kumar, A., and Shuang, Z.: A bidding decision model in multiagent supply chain planning 3291
Hu, W., *see* Rong, Y.
Hu, W., *see* Zhang, Y.
Huang, J., and Lehtihet, E. A.: Contribution to the minimax evaluation of circularity error 3813
Huang, K.-H., *see* Lee, S.-D.
Huang, M. L., *see* Chen, K. S.

Huang, Y., Jeng, M., Xie, X., and Chung, S.: Deadlock prevention policy based on Petri nets and siphons 283
Huang, Y., *see* Askin, R. G.
Huck, A., *see* Zimmermann, A.
Hui, Y. V., Leung, L. C., and Linn, R.: Optimal machining conditions with costs of quality and tool maintenance for turning 647
Hung, P.-C., *see* Liu, F.-H.
Hvam, L.: A procedure for the application of product modelling 873
Hwang, H., *see* Ko, C. S.

Ivy, J. S., and Pollock, S. M.: Classification of spot welds using power factor time profiles 549

Jain, P. K.: Solving resource contention problem in FMS using Petri nets and a rule-based approach 785
Jang, J., Suh, J., and Ferreira, P. M.: An AGV routing policy reflecting the current and future state of semiconductor and LCD production lines 3901
Jang, K.-Y., *see* Lee, S.-D.
Jayabalan, V., *see* Kannan, Sm.
Jeang, A.: Combined parameter and tolerance design optimization with quality and cost 923
Jeng, M., *see* Huang, Y.
Jeong, B. H., and Randhawa, S. U.: A multi-attribute dispatching rule for automated guided vehicle systems. 2817
Jiang, B. C., Wang, Y. M., and Wang, C. C.: Bootstrap sampling technique applied to the PCB golden fingers defect classification study 2215
Jian-Guo, C., *see* Rui-Quan, J.
Johnson, M. E.: Modelling empty vehicle traffic in AGVS design 2615
Johnsson, M., *see* Knuutila, T.
Jonej, A., *see* Yang, Z.
Joneja, A., *see* Yang, Z.
Joo, J., Park, S., and Cho, H.: Adaptive and dynamic process planning using neural networks 2923
Joshi, Y., *see* Balasubramaniam, M.

Kabore, T., *see* Laperrière, L.
Kang, Y., *see* Rong, Y.
Kannan, Sm., and Jayabalan, V.: A new grouping method to minimize surplus parts in selective assembly for complex assemblies 1851
Kaspi, M., and Shabtay, D.: Optimization of the machining economics problem under the periodic control strategy. 3889
Kaushal, O. P., *see* Mahdavi, I.
Kaya, N., and Öztürk, F.: Algorithms for grouping machining operations and planning workpiece location under dynamic machining conditions 3329
Kher, H. V., and Fry, T. D.: Labour flexibility and assignment policies in a job shop having incommensurable objectives 2295
Khoo, L. P., Lee, S. G., and Yin, X. F.: Agent-based multiple shop floor manufacturing scheduler 3023
Khoo, L. P., and Zhai, L. Y.: Multiconcept classification of diagnostic knowledge to manufacturing systems: analysis of incomplete data with continuous-valued attributes 3941
Khoo, M. K., *see* Lye, S. W.
Khumawala, B. M., *see* Canel, C.

Kim, K.-D., and Chung, S.-C.: Synthesis of the measurement system on the machine tool 2475
Kim, S. B., *see* Hong, S. H.
Kim, T., *see* Ko, C. S.
Kim, Y. S., Wang, E., and Rho, H. M.: Geometry-based machining precedence reasoning for feature-based process planning 2077
Kim, Y.-D., *see* Choi, Y.-C.
Kiritsis, D., *see* Lee, D.-H.
Kis, T., *see* Erdos, G.
Knuutila, T., Puranen, M., Johnsson, M., and Nevalainen, O.: Three perspectives for solving the job grouping problem 4261
Ko, C. S., Kim, T., and Hwang, H.: External partner selection using tabu search heuristics in distributed manufacturing 3959
Krehbiel, T. C., *see* Pratsini, E.
Kugathasan, P., and McMahon, C.: Multiple viewpoint models for automotive body-in-white design 1689
Kumalo, T., *see* Onwubolu, G. C.
Kumar, A., *see* Hu, Q.
Kumar, N., and Shanker, K.: Comparing the effectiveness of workload balancing objectives in FMS loading 843
Kuo, M.-J., *see* Yau, H.-T.
Kurz, M. E., and Askin, R. G.: Heuristic scheduling of parallel machines with sequence-dependent set-up times 3747
Kutanoglu, E., and Sabuncuoglu, I.: Routing-based reactive scheduling policies for machine failures in dynamic job shops 3141
Kwak, C., and Yih, Y.: Simulation comparison of collaboration protocol-based testing models 2947
Kwon, H. M., *see* Hong, S. H.

Labib, A. W., *see* Vanegas, L. V.
Lacomme, P., *see* Fleury, G.
Lacoste, G., *see* Franchini, L.
Lam, Y. C., *see* Britton, G. A.
Lamberson, L. R., and Wasserman, G. S.: Monitoring manufacturing system availability 727
Landon, Y., *see* Villeneuve, F.
Laperrière, L., and Kabore, T.: Monte Carlo simulation of tolerance synthesis equations 2395
Latinne, P., *see* De Lit, P.
Lau, R. S. M., *see* Zhao, X.
Lee, C., and Ventura, J. A.: Optimal dwell point location of automated guided vehicles to minimize mean response time in a loop layout 4013
Lee, D.-H., Kiritsis, D., and Xirouchakis, P.: Branch and fathoming algorithms for operation sequencing in process planning 1649
Lee, D.-H., Kiritsis, D., and Xirouchakis, P.: Search heuristics for operation sequencing in process planning 3771
Lee, Heeseok, *see* Park, T.
Lee, Hochang, *see* Park, T.
Lee, K. C., *see* Won, Y.
Lee, K. K., Yoon, W. C., and Baek, D. H.: Generating interpretable fuzzy rules for adaptive job dispatching 1011
Lee, M. K., *see* Hong, S. H.
Lee, S.-D., and Chiang, C.-P.: A cut-tree-based approach for clustering machine cells in the bidirectional linear flow layout 3491
Lee, S.-D., Huang, K.-H., and Chiang, C.-P.: Configuring layout in undirectional loop manufacturing systems 1183

Lee, S.-D., and Jang, K.-Y.: Identification of the deviation from the mean and multimodal distribution in the automotive assembly process: correspondence analysis approach 2105
Lee, S. G., *see* Khoo, L. P.
Lee, S. G., *see* Lye, S. W.
Lee, Y. G., and Malone, M. F.: Batch process schedule optimization under parameter volatility 603
Legoff, O., *see* Villeneuve, F.
Lehtihet, E. A., *see* Huang, J.
Lehtihet, E. A., *see* McGarvey, R. G.
Lehtihet, E. A., *see* Ranade, S. V.
Lei, Q., *see* Zhang, X. M.
Leisten, R., *see* Framinan, J. M.
Leung, L. C., *see* Hui, Y. V.
Li, C., Li, J., Wen, J., and Xiao, X.: HYRODIE: using feature modelling and feature mapping to speed up progressive design. 4133
Li, H., and Shang, J.: Integrated model for production planning in a large iron and steel manufacturing environment 2037
Li, J., *see* Li, C.
Li, R. K., *see* Chen, K. S.
Li, X.: Real-time tool wear condition monitoring in turning 981
Li, X., and Hamblin, D. J.: Developing a multivariate manufacturing company performance model: effects of technology and investment on two-dimensional firm performance 2895
Liao, Y. S., and Chiu, Y. Y.: Adaptive crosshatch approach for the laminated object manufacturing (LOM) process 3479
Lim, T., Corney, J., Ritchie, J. M., and Clark, D. E. R.: Optimizing tool selection 1239
Lin, Z.-C., and Chen, C.-C.: Collision-free planning for coordinate measurement machine probe 1969
Lin, J. T., Wang, F.-K., and Yen, P.-Y.: Simulation analysis of dispatching rules for an automated interbay material handling system in wafer fab 1221
Linn, R., *see* Hui, Y. V.
Liou, F. W., *see* Srikanth, K.
Liu, C.-C., *see* Tseng, Y.-J.
Liu, F., *see* Zhang, X. M.
Liu, F.-H., and Hung, P.-C.: Real-time deadlock-free control strategy for single multi-load automated guided vehicle on a job shop manufacturing system 1323
Liu, H.-R., *see* Chou, C.-Y.
Liu, J., *see* Yan, X.
Liu, J. Q., *see* Xie, S. Q.
Low, C., and Wu, T.-H.: Mathematical modelling and heuristic approaches to operation scheduling problems in an FMS environment 689
Lu, T.-P., and Yih, Y.: An agent-based production control framework for multiple-line collaborative manufacturing 2155
Luo Z., *see* Zhao X.
Lye, S. W., Lee, S. G., and Khoo, M. K.: A design methodology for the strategic assessment of a product's eco-efficiency 2453

Macias, A., *see* Adam, E. E., Jr
Mackulak, G. T., *see* Fowler, J. W.
Mahdavi, I., Kaushal, O. P., and Chandra, M.: Graph-neural network approach in cellular manufacturing on the basis of a binary system. 2913
Maheswar, G., *see* Drury, C. G.
Mahmoodi, F., *see* Farling, B. E.
Maione, B., and Naso, D.: Evolutionary adaptation of dispatching agents in heterarchical manufacturing systems 1481

Maione, G., *see* Fanti, M. P.
Malmborg, C. J.: Rule of thumb heuristics for configuring storage racks in automated storage and retrieval systems design 511
Malone, M. F., *see* Lee, Y. G.
Marks, N. B., *see* Pratsini, E.
Mateus, R., *see* Barbosa-Póvoa, A. P.
McCreery, J., *see* Bozarth, C.
McGarvey, R. G., Lehtihet, E. A., Del Castillo, E., and Cavalier, T. M.: On the frequency and location of set point adjustments in sequential tolerance control 2659
McGraw, K. E., and Dessouky, M. M.: Sequence-dependent batch chemical scheduling with earliness and tardiness penalties 3085
McMahon, C., *see* Kugathasan, P.
Melynk, S. A., Sroufe, R. P., Montabon, F. L., and Hinds, T. J.: Green MRP: identifying the material and environmental impacts of production schedules . 1559
Miltenburg, J.: Production planning problem where products have alternative routings and bills-of-material 1755
Montabon, F. L., *see* Melynk, S. A.
Mort, N., *see* Dimopoulos, C.
Mosier, C. T., *see* Farling, B. E.
Mutingi, M., *see* Onwubolu, G. C.
Myers, M. B., *see* Fawcett, S. E.

Nagendra, P. B., and Das, S. K.: Finite capacity scheduling method for MRP with lot size restrictions 1603
Nagi, R., *see* Sanchez, L. M.
Narahari, Y., *see* Viswanadham, N.
Naso, D., *see* Maione, B.
Nee, A. Y. C., *see* Fu, M. W.
Nee, A. Y. C., *see* Sun, J.
Nembhard, D. A.: Heuristic approach for assigning workers to tasks based on individual learning rates 1955
Nevalainen, O., *see* Knuutila, T.
Newman, S. T., and Bagshaw, R. W.: Structured approach to the design of a production data analysis facility. Part 2: Implementation and evaluation . . 2407
Newman, S. T., *see* Bagshaw, R. W.
Nguyen, P., *see* Franchini, L.
Nottingham, Q. J., *see* Cook, D. F.
Novais, A. Q., *see* Barbosa-Póvoa, A. P.

Occeña, L. G., *see* Chen, C.-H.
Onwubolu, G. C.: Tabu search-based algorithm for the TOC product mix decision 2065
Onwubolu, G. C., and Kumalo, T.: Optimization of multipass turning operations with genetic algorithms 3727
Onwubolu, G. C., and Mutingi, M.: Optimizing the multiple constrained resources product mix problem using genetic algorithms 1897
Ouenniche, J., and Boctor, F. F.: The G-group heuristic to solve the multi-product, sequencing, lot sizing and scheduling problem in flow shops 81
Ozkan, S., *see* Akturk, M. S.
Öztürk, F., *see* Kaya, N.

Pagell, M., and Sheu, C.: Buyer behaviours and the performance of the supply chain: an international exploration 2783
Pan, H., *see* Sarker, B. B.
Paris, J. L., Tautou-Guillaume, L., and Pierreval, H.: Dealing with design options in the optimization of manufacturing systems: an evolutionary approach . . . 1081

Park, B. C.: An optimal dwell point policy for automated storage/retrieval systems with uniformly distributed, rectangular racks 1469
Park, S., *see* Fowler, J. W.
Park, S., *see* Joo, J.
Park, T., Lee, Hochang, and Lee, Heeseok: FMS design model with multiple objectives using compromise programming 3513
Patterson, J. W., *see* Cao, Q.
Pepyne, D. L., *see* Wardi, Y.
Perry, M. B., Spoerre, J. K., and Velasco, T.: Control chart pattern recognition using back propagation artificial neural networks 3399
Pierreval, H., *see* Paris, J. L.
Piper, C. J., and Vachon, S.: Accounting for productivity losses in aggregate planning 4001
Pollock, S. M., *see* Ivy, J. S.
Prabhu, V., *see* Hong, J.
Pratsini, E., Marks, N. B., and Krehbiel, T. C.: Simulating alternative production policies with sequence-dependent costs 737
Puranen, M., *see* Knuutila, T.

Qiu, L., and Hsu, W.-J.: A bi-directional path layout for conflict-free routing of AGVs 2177
Qiu, M. M., Fredendall, L. D., and Zhu, Z.: Application of hierarchical production planning in a multiproduct, multimachine environment 2803

Raghavan, N., *see* Horiguchi, K.
Raman, S., *see* Gupta, M.
Ramesh, R., *see* Aldakhilallah, K. A.
Ranade, S. V., Lehtihet, E. A., and Cavalier, T. M.: On the producibility of composite position tolerance specifications for patterns of holes 1305
Randhawa, S. U., *see* Jeong, B. H.
Redford, A. H., *see* Edmondson, N. F.
Rekiek, B., *see* De Lit, P.
Rho, H. M., *see* Kim, Y. S.
Ritchie, J. M., *see* Lim, T.
Ronen, B., Coman, A., and Schragenheim, E.: Peak management 3183
Rong, Y., Hu, W., Kang, Y., Zhang, Y., and Yen, D. W.: Locating error analysis and tolerance assignment for computer-aided fixture design 3529
Rong, Y., *see* Zhang, Y.
Roodbergen, K. J., and De Koster, R.: Routing methods for warehouses with multiple cross aisles 1865
Rui-Quan, J., and Jian-Guo, C.: Neuron-based adaptive control algorithm for CNC positioning servo system 2535
Ruiz-Usano, R., *see* Framinan, J. M.
Rupe, J., Kuo, W.: Performability of FMS based on stochastic process models . . 139

Sabuncuoglu, I., *see* Erel, E.
Sabuncuoglu, I., *see* Kutanoglu, E.
Sanchez, L. M., and Nagi, R.: A review of agile manufacturing systems 3561
Sarjoughian, H., *see* Couretas, J. M.
Sarker, B. B., and Pan, H.: Design configuration for a closed-station, mixed-model assembly line: a filing cabinet manufacturing system 2251
Sarker, B. R., *see* Chowdhury, M. R.
Sarma, S., *see* Balasubramaniam, M.
Sawik, T.: Mixed integer programming for scheduling surface mount technology lines 3219
Schirmer, A.: Resource-constrained project scheduling: an evaluation of adaptive control schemes for parameterized sampling heuristics 1343
Schragenheim, E., *see* Ronen, B.

Scott, K. M., Cavalier, T. M., and Amine Lehtihet, E.: A probabilistic search method for sequential tolerance control 4033
Sculli, D., *see* Chiu, K. F.
Seatzu, C., *see* Balduzzi, F.
Shabtay, D., *see* Kaspi, M.
Shaikh, Z., *see* Balasubramaniam, M.
Shang, J., *see* Li, H.
Shanker, K., *see* Kumar, N.
Shaw, D., and Chen, Y.-S.: Cutting path generation of the Stewart-Platform-Based Milling Machine using and end-mill 1367
Sheu, C., and Wacker, J. G.: Effectiveness of planning and control systems: an empirical study of US and Japanese firms 887
Sheu, C., *see* Pagell, M.
Shih, H. M., *see* Ho, D. C. K.
Shirazi, R., and Frizelle, G. D. M.: Minimizing the number of tool switches on a flexible machine: an empirical study 3547
Shore, H.: Modelling a non-normal response for quality improvement 4049
Shore, H.: Note: General control charts for variables 2063
Shorter, D. N., *see* Weston, R. H.
Shtub, A.: A framework for teaching and training in the Enterprise Resource Planning (ERP) era 567
Shuang, Z., *see* Hu, Q.
Shunk, D. L., *see* Fowler, J. W.
Silver, E. A., *see* Bischak, D. P.
Siow, C. H. R., *see* Yang, J. B.
Slomp, J., *see* Suresh, N. C.
Song, D. P., Earl, C. F., and Hicks, C.: Stage due date planning for multistage assembly systems 1943
Song, D., Hicks, C., and Earl, C. F.: Setting planned job release times in stochastic assembly systems with resource constraints. 1289
Spedding, T. A., *see* Chan, K. K.
Spoerre, J. K., *see* Perry, M. B.
Srikanth, K., Liou, F. W., and Balakrishnan, S. N.: Integrated approach for assembly tolerance analysis 1517
Srinivasa Raghavan, N. R., and Viswanadham, N.: Generalized queueing network analysis of integrated supply chains 205
Sroufe, R. P., *see* Melynk, S. A.
Stafford, E. F., Jr, *see* Tseng, F. T.
Suárez-González, I., *see* González-Benito, J.
Subramanian, I., *see* Couretas, J. M.
Suh, J., *see* Jang, J.
Sumichrast, R. T., *see* Brown, C. E.
Sun, J., Zhang, Y. F., and Nee, A. Y. C.: A distributed multi-agent environment for product design and manufacturing planning 625
Suresh, N. C., and Slomp, J.: Multi-objective procedure for labour assignments and grouping in a capacitated cell formation problem 4103

Tabucanon, M. T., *see* Hop, N. V.
Tao, S., and Ting, K.-L.: Unified rough cutting tool path generation for sculptured surface machining 2973
Tapiero, C. S.: Yield and control in a supplier–customer relationship 1505
Tautou-Guillaume, L., *see* Paris, J. L.
Tereshkovich, W., *see* Abdou, G.
Teunter, R. H.: A reverse logistics valuation method for inventory control 2023
Ting, K.-L., *see* Tao, S.
Tiwari, M. K., *see* Vidyarthi, N. K.

Tor, S. B., *see* Britton, G. A.
Trappey, A. J. C., *see* Hou, J.-L.
Trolio, M., *see* Wang, J.-H.
Tsai, D.-M., *see* Yeh, C.-H.
Tseng, F. T., and Stafford, E. F., Jr: Two MILP models for the $N \times M$ SDST flowshop sequencing problem 1777
Tseng, Y.-J., and Liu, C.-C.: Concurrent analysis of machining sequences and fixturing set-ups for minimizing set-up changes for machining mill-turn parts 4197
Tu, P. L., *see* Xie, S. Q.
Tu, Y. L., *see* Xie, S. Q.
Turchiano, B., *see* Fanti, M. P.

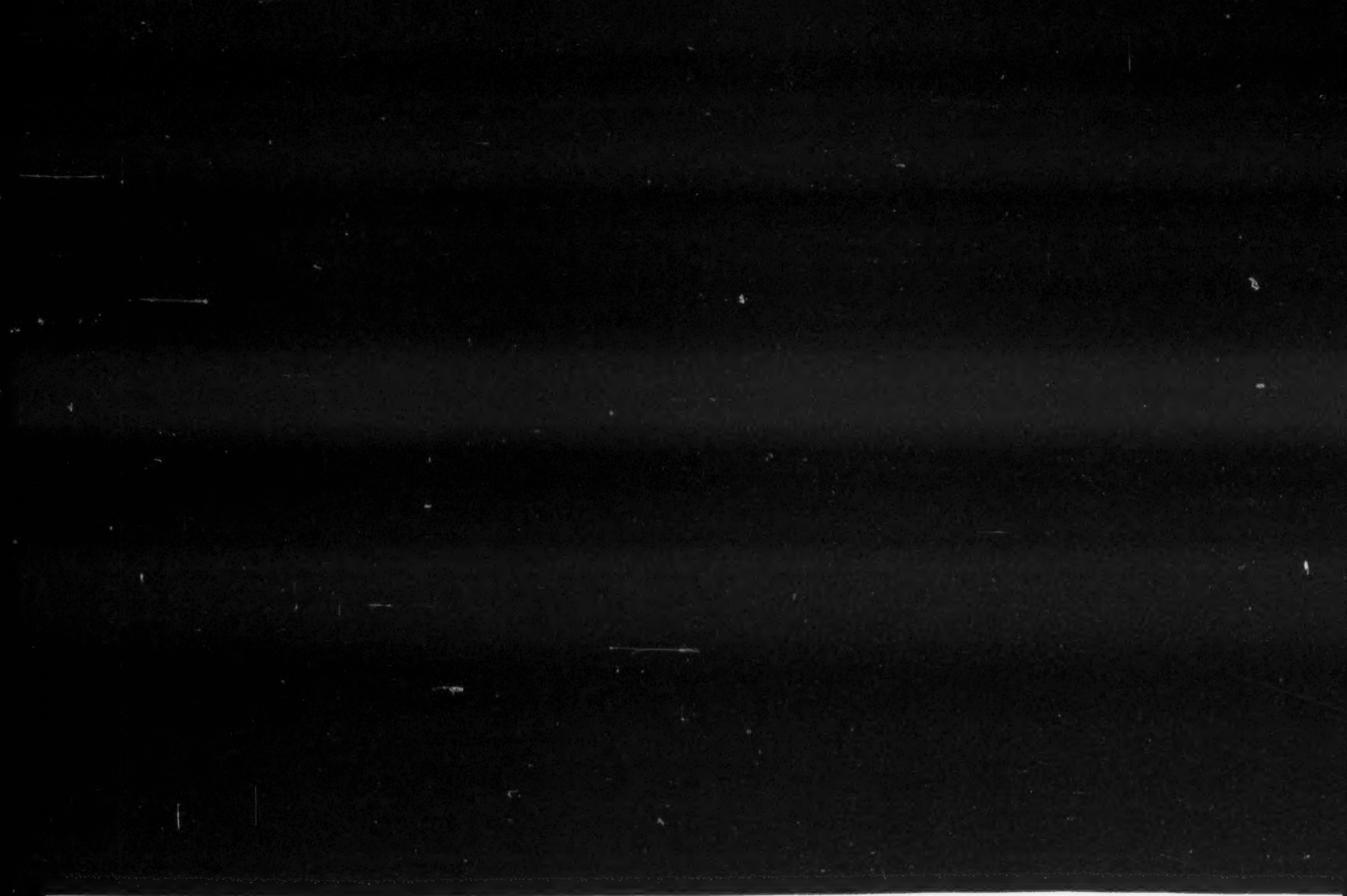
Uzsoy, R., *see* Horiguchi, K.

Vachon, S., *see* Piper, C. J.
Vanegas, L. V., and Labib, A. W.: A Fuzzy Quality Function Deployment (FQFD) model for deriving optimum targets 99
Vanegas, L. V., and Labib, A. W.: Application of new fuzzy-weighted average (NFWA) method to engineering design evaluation 1147
Vanhoucke, M., Demeulemeester, E., and Herroelen, W.: Maximizing the net present value of a project with linear time-dependent cash flows 3159
Vaughan, T. S.: Sequential inspection for SPC-quarantined production 993
Velasco, T., *see* Perry, M. B.
Venkatesan, G.: Performance analysis of an integral controller 3671
Venkateswaran, S., *see* Horiguchi, K.
Ventura, J. A., *see* Lee, C.
Vernadat, F., and Xie, X.-L.: Guest Editorial—Special Issue on Modelling, specification and analysis of manufacturing systems 159
Vidyarthi, N. K., and Tiwari, M. K.: Machine loading problem of FMS: a fuzzy-based heuristic approach 953
Villeneuve, F., Legoff, O., and Landon, Y.: Tolerancing for manufacturing: a three-dimensional model 1625
Viswanadham, N., and Narahari, Y.: Queueing network modelling and lead time compression of pharmaceutical drug development 395
Viswanadham, N., *see* Srinivasa Raghavan, N. R.
Viswanathan, S., and Allada, V.: Configuration analysis to support product redesign for end-of-life disassembly 1733

Wacker, J. G., *see* Sheu, C.
Wallace, A.: Application of AI to AGV control—agent control of AGVs 709
Wang, C. C., *see* Jiang, B. C.
Wang, E., *see* Kim, Y. S.
Wang, F.-K., *see* Lin, J. T.
Wang, J., *see* Zhao X.
Wang, J.-H., and Trolio, M.: Using clustered assembly elements in the estimation of potential design for assembly benefits 1885
Wang, M.-C., and Yue, J.: Economic design and process adjustment for on-line control 809
Wang, Q., *see* Chen, D.-S.
Wang, Y. M., *see* Jiang, B. C.
Wang, Z., *see* Wu, Z.
Wardi, Y., Cassandras, C. G., and Pepyne, D. L.: A backward algorithm for computing optimal controls for single-stage hybrid manufacturing systems . . 369

Wasserman, G. S., *see* Lamberson, L. R.
Wen, J., *see* Li, C.
West, A. A., *see* Weston, R. H.
Weston, R. H., Clements, P. E., Shorter, D. N., Carrott, A. J., Hodgson, A., and West, A. A.: On the explicit modelling of systems of human resources 185
Whitehouse, D. J., *see* Chang, A.-Y.
Whitehouse, G. E., *see* DePuy, G. W.
Won, Y., and Lee, K. C.: Group technology cell formation considering operation sequences and production volumes 2755
Wonham, W. M., *see* Chen, P. C. Y.
Wright, M., *see* Amaral, A. R. S.
Wu, T.-H., *see* Low, C.
Wu, Z., Xie, M., and Wang, Z.: Optimum rectifying inspection plans 1575
Wysk, R., *see* Hong, J.

Xiao, X., *see* Li, C.
Xie, J., *see* Zhao, X.
Xie, M., Del Castillo, E., Goh, T. N., and Cai, D. Q.: On the monitoring of trended and regularly adjusted processes 3641
Xie, M., *see* Wu, Z.
Xie, S. Q., Tu, P. L., Aitchison, D., Dunlop, R., and Zhou, Z. D.: A WWW-based integrated product development platform for sheet metal parts intelligent concurrent design and manufacturing 3829
Xie, S. Q., Tu, Y. L., Liu, J. Q., and Zhou, Z. D.: Integrated and concurrent approach for compound sheet metal cutting and punching 1095
Xie, X., *see* Huang, Y.
Xie, X.-L., *see* Vernadat, F.
Xirouchakis, P., *see* Erdos, G.
Xirouchakis, P., *see* Lee, D.-H.

Yamazaki, K., *see* Yan, X.
Yan, X., Yamazaki, K., and Liu, J.: Reverse engineering of machining operation planning 1837
Yanagi, H., *see* Yoshimura, M.
Yang, D. C. H., *see* Han, Z.
Yang, J. B., Dale, B. G., and Siow, C. H. R.: Self-assessment of excellence: an application of the evidential reasoning approach 3789
Yang, Z., Jonej, A., and Zhu, S.: Recognizing generalized pockets for optimizing machining time in process planning—Part 2 3601
Yang, Z., Joneja, A., and Zhu, S.: Recognizing generalized pockets for optimizing machining time in process planning—Part 1 3377
Yau, H.-T., and Kuo, M.-J.: NURBS machining and feed rate adjustment for high-speed cutting of complex sculptured surfaces 21
Yeh, C.-H., and Tsai, D.-M.: Wavelet-based approach for ball grid array (BGA) substrate conduct paths inspection 4281
Yen, D. W., *see* Rong, Y.
Yen, D. W., *see* Zhang, Y.
Yen, P.-Y., *see* Lin, J. T.
Yih, Y., *see* Kwak, C.
Yih, Y., *see* Lu, T.-P.
Yin, X. F., *see* Khoo, L. P.
Yoon, W. C., *see* Lee, K. K.
Yoshimura, M., and Yanagi, H.: Strategies for implementing aesthetic factors in product designs 1031
Young, R. E., *see* Zukin, M.
Yue, J., *see* Wang, M.-C.

Zaytoon, J., and Careé-Ménétrier, V.: Synthesis of control implementation for discrete manufacturing systems 329
Zeigler, B. P., *see* Couretas, J. M.
Zhai, L. Y., *see* Khoo, L. P.
Zhang, J., *see* Chan, F. T. S.
Zhang, N. F.: Combining process capability indices from a sequence of independent samples 2769
Zhang, W., and Chen, M.: A mathematical programming model for production planning using CONWIP. 2723
Zhang, W. J., *see* Bi, Z. M.
Zhang, X. M., Liu, F., Lei, Q., and Dan, B.: Integrated DNC: a case study . . . 3853
Zhang, Y., Hu, W., Rong, Y., and Yen, D. W.: Graph-based set-up planning an tolerance decomposition for computer-aided fixture design 3109
Zhang, Y., *see* Rong, Y.
Zhang, Y. F., *see* Sun, J.
Zhao X., Wang J., and Luo Z.: A stochastic model of a reconfigurable manufacturing system—Part 3: Optimal selection policy 747
Zhao X., Wang J., and Luo Z.: A stochastic model of a reconfigurable manufacturing system— Part 4: Performance measure 1113
Zhao, X., Xie, J., and Lau, R. S. M.: Improving the supply chain performance use of forecasting models versus early order commitments 3923
Zhou, Z. D., *see* Xie, S. Q.
Zhu, S., *see* Yang, Z.
Zhu, Z., *see* Qiu, M. M.
Zimmermann, A., Freiheit, J., and Huck, A.: A Petri net based design engine for manufacturing systems 225
Zobel, C. W., *see* Cook, D. F.
Zukin, M., and Young, R. E.: Applying fuzzy logic and constraint networks to a problem of manufacturing flexibility 3253